



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jon Irvin Stuckey

Serial No: 10/698,318

Filed: October 31, 2003

Art Unit: 2856

For: METHOD FOR DESIGNING TIRE NOISE PITCH SEQUENCE

Docket: P02073US2A

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Supplemental Information Disclosure Statement

1. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) ____ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☒ Before the mailing date of a first Office Action on the merits.
If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 19-0083 for consideration of this Statement.
- (c) ____ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.
 - (1) ____ The required certification is given below,
or
 - (2) ____ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or

(3) _____ Charge the fee set forth in 37 C.F.R.
1.17(p) to Deposit Account No. 19-0083.

(d) _____ After the mailing date of either a final action or a notice
of allowance, but before payment of the issue fee.
Petition hereby is made for consideration of this Statement
and the required certification indicated below.

(1) _____ Enclosed is a check covering the fee set
forth in 37 C.F.R. 1.17(i)(1), or

(2) _____ Charge the fee set forth in 37 C.F.R.
1.17(i)(1) to Deposit Account No. 19-0083.

2. Certification (if applicable)

(a) _____ The undersigned hereby certifies that each item
of information contained in this Statement was
cited in a communication from a foreign patent
office in a counterpart foreign application not
more than 3 months prior to the filing of this
Statement.

Respectfully submitted at Canton, Ohio, this 12th of April, 2004.

SAND & SEBOLT

A handwritten signature in black ink, appearing to read 'Fred H. Zollinger, III', with a horizontal line extending to the right.

By: Fred H. Zollinger, III
Reg. No. 39,438

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Attorney Docket: P02073US2A



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to

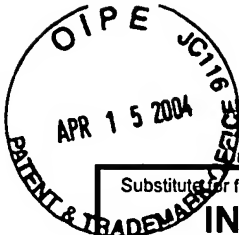
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on this 12TH day of April, 2004.

Karina A. Butler



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/698,318
Filing Date	10/31/2003
First Named Inventor	Jon Irvin Stuckey
Art Unit	2656
Examiner Name	
Attorney Docket	P02073US2A

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-3,989,780	11-02-1976	Vorih	
	2	US-4,416,316	11-22-1983	Clatworthy et al.	
	3	US-4,727,501	02-23-1988	Parker et al.	
	4	US-5,309,965	05-10-1994	Williams	
	5	US-5,394,916	03-07-1995	Williams	
	6	US-5,746,848	05-05-1998	Schulze et al.	
	7	US-5,759,311	06-02-1998	Williams	
	8	US-5,769,990	06-23-1998	Hoffmeister	
	9	US-5,824,169	10-20-1998	Landers et al.	
	10	US-5,964,266	10-12-1999	Boiocchi et al.	
	11	US-6,311,748	11-06-2001	Boiocchi et al.	
	12	US-6,514,366	02-04-2003	Xie	
	13	US-6,531,012	03-11-2003	Ishiyama	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	14	EP 0 454 658	10-30-1991	Semperit Reifen AG		✓
	15	EP 0 645 264	09-23-1994	Dr. Thomas Schulze		
	16	EP 0 691 219	01-10-1996	Bridgestone Corporation		
	17	EP 0 743 200	11-02-1996	The Goodyear Tire & ...		
	18	JP 1-178005	07-14-1989	Bridgestone Corp.		
	19	JP 4-123907	04-23-1992	Ohtsu Tire & Rubber Co.		

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/698,318
		Filing Date	10/31/2003
		First Named Inventor	Jon Irvin Stuckey
		Group Art Unit	2856
		Examiner Name	
Sheet	2	of	2
		Attorney Docket	P02073US2A

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	20	THOMAS A. WILLIAMS, Tire Tread Pattern Noise Reduction Through The Application Of Pitch Sequencing, date unknown; pages 955-959	
	21	Honeywell Saicor Signals, "Correlation and Probability Analysis" by Dr. I.M. Langenthal, Apro. 1970	
	22	"The Hilbert Transform and Application to Correlation Measurements" by J. R. Underbrink, ACS 516, Dec., 1992	
	23	"Tyre Noise Simulation at Computer" by F.N. Mambretti dated 1988, pages 175-182	
	24	John J. Benedetto and Michael W. Frazier; Wavelets: Mathematics and Applications; date unknown, pages 2-13	
	25	Brian G. Ferguson and Barry G. Quinn; Application of the short-time Fourier transform and the Wigner-Ville distribution to the acoustic localization of aircraft; Aug. 1994; pages 821-827	
	26	R.C. Mellin and G. Sovran; Controlling the Tonal Characteristics of the Aerodynamic Noise Generated by Fan Rotors; Mar. 1970; pages 143-154	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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